

LISTING OF CLAIMS:

1. (Currently amended) An air intake apparatus comprising:

an air intake duct provided with an inlet through which intake air ~~should be~~ introduced;

an air cleaner disposed on the downstream side of the air intake duct and for filtering the intake air;

an air cleaner hose disposed ~~on~~ between the downstream side of the air cleaner and the upstream side of a combustion chamber of an engine and for supplying the filtered intake air to a ~~the~~ combustion chamber ~~of an engine~~ to thereby define an intake air passageway ~~laid out between, a passageway section ranging from the inlet and to the upstream end of the~~ combustion chamber in which the intake air flows;

an air-permeable member disposed to block a communicating path disposed in a wall of the intake air passageway, wherein the wall is configured to surround an antinode of a lower resonance mode inside the air cleaner, the lower resonance mode corresponding to the whole passageway length of the intake air passageway; and

a valve, disposed in the wall, for opening the communicating path, to allow the inside of the intake air passageway to communicate with the outside thereof at least when the lower resonance mode occurs.
2. (Original) An air intake apparatus according to Claim 1, wherein:

the air cleaner includes a casing, and an element for dividing the inside of the casing into a dirty side and a clean side; and

the valve and the air-permeable member are disposed in the casing.

3. (Original) An air intake apparatus according to Claim 1, wherein the valve opens the communicating path at least when an engine speed is not higher than an upper limit value of an engine speed range where the lower resonance mode corresponding to the whole passageway length of the intake air passageway occurs.

4. (Original) An air intake apparatus according to Claim 1, further comprising a sound insulation chamber provided on the downstream side of the air-permeable member in the communicating path and for attenuating transmitted noise passing through the air-permeable member.

5. (Original) An air intake apparatus according to Claim 1, wherein the communicating path is opened and closed with an engine speed being used as an index.

6. (Original) An air intake apparatus according to Claim 1, wherein the valve closes the communicating path when an engine speed is higher than an upper limit value of an engine speed range where the lower resonance mode corresponding to the whole passageway length of the intake air passageway occurs.

7. (Currently amended) An air intake apparatus comprising:
an air intake duct provided with an inlet through which intake air ~~should be~~is introduced;
an air cleaner disposed on the downstream side of the air intake duct and for filtering the intake air;

an air cleaner hose disposed ~~on~~ between the downstream side of the air cleaner and the upstream side of a combustion chamber of an engine and for supplying the filtered intake air to a

~~the combustion chamber of an engine to thereby define an intake air passageway laid out between, a passageway section ranging from the inlet and to the upstream end of the combustion chamber in which the intake air flows;~~

a communicating path disposed in the air intake passageway, the communicating path further being disposed where there is an antinode of the lower resonance mode inside the air cleaner, the lower resonance mode corresponding to the whole length of the intake air passageway;

an air-permeable member for blocking the communicating path; and

a valve for opening and closing the communicating path.

8. (Original) An air intake apparatus according to Claim 7, wherein the air-permeable member is disposed on an inner side of the communicating path than the valve.

9. (Original) An air intake apparatus according to Claim 7, wherein the valve is disposed on an inner side of the communicating path than the air-permeable member.